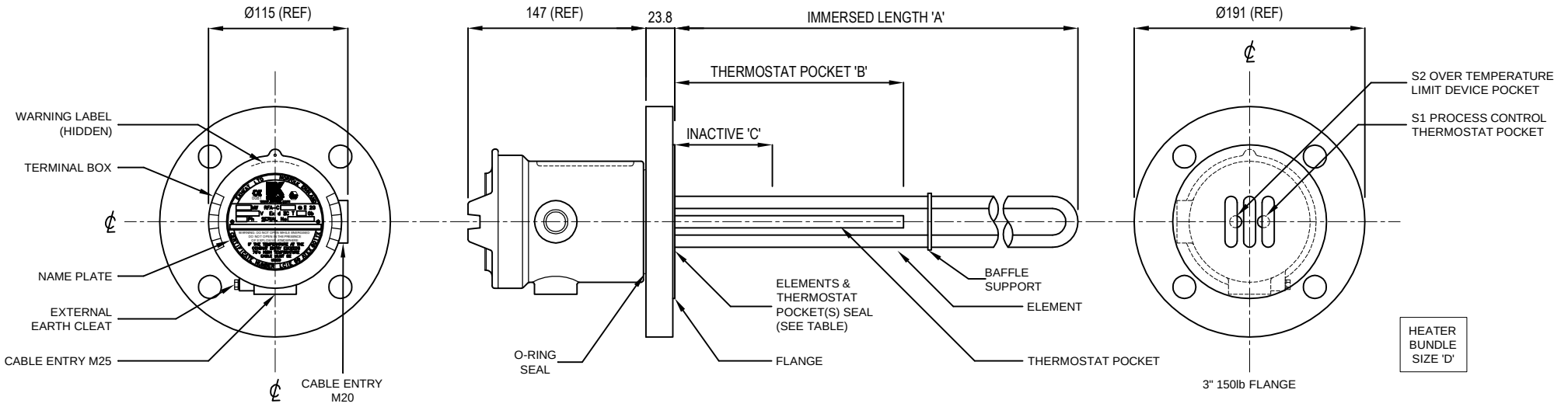

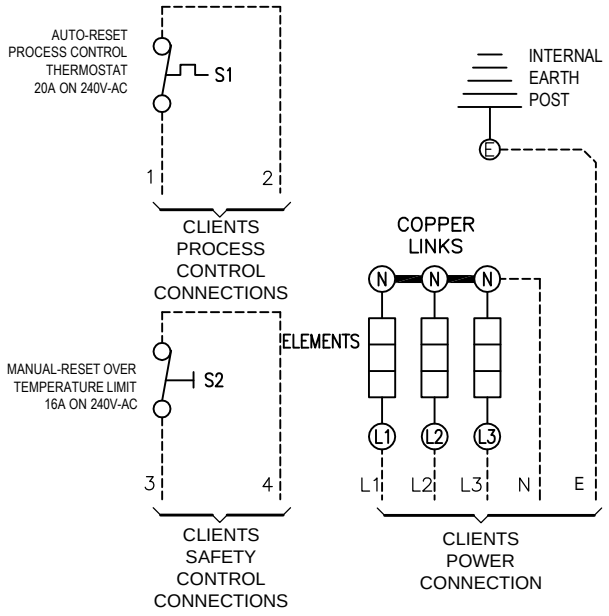

NOTES:

1. RATING: 3KW ON 690V,3PH, 50HZ. (4 WIRE STAR)

2. MATERIAL:
   ROD TYPE ELEMENTS: 3 x 10MM, INCOLOY 825
   THERMOSTAT POCKET(S): 2 x 316L STAINLESS STEEL
   TERMINAL BOX: CAST ALUMINIUM IP67 RATED
   PROCESS FIXING: 3" NB 150LB ANSI RF BLIND 316L STAINLESS STEEL FLANGE

3. FINISH:
   TERMINAL BOX LID : POWDERCOATED RAL 2010 (ORANGE).
   TERMINAL BOX BODY: POWDERCOATED RAL 9007 (GREY)
   FLANGE: STAINLESS NATURAL
   REMAINDER: NATURAL

4. MAX WORKING PRESSURE 16 BARg

5. INSPECTION AND TESTING
   HYDRO TEST TO WI/09/110
   TEST METHOD 1. TO 24 BARg FOR 15 MINUTES
   ELECTRICAL TEST TO WI/09/114.
   100% VISUAL AND DIMENSIONAL CHECK

6. 1x M25 x1.5p (POWER), 1x M20 x1.5p (CONTROL).
   CABLE ENTRIES FITTED WITH TEMPORARY PLUGS
   ANY UNUSED ENTRIES MUST BE FITTED WITH SUITABLE CERTIFIED BLANKING PLUGS AT ALL TIMES.
   UNDER NO CIRCUMSTANCES ARE ANY ENTRIES TO BE LEFT OPEN DUE TO THE NATURE OF THE SCREW THREADS ON THE TERMINAL BOX,THE CABLE ENTRIES MAY NOT BE IN THE POSITION SHOWN ON THE DRAWING.

7. *ONLY APPLIES TO DUAL PHASED HEATERS-* HEATERS ARE SUPPLIED SUITABLE FOR 1PH SUPPLY, IF 3PH SUPPLY IS BEING USED, THEN THE 'LIVE' LINK(S) *MUST* BE REMOVED IN ACCORDANCE WITH THE HEATER INSTRUCTIONS (IOM)

8. 1 X AUTO RESET CONTROL THERMOSTAT RANGE -10/+65°C (5-7°C HYSTERESIS)
   1 X MANUAL RESET THERMOSTAT SET AT +95°C

9. HEATER SPECIFICATION : ATEX CERTIFIED Ex II 2 G Ex d IIC T4 Gb

10. OVERTEMPERATURE PROTECTION:
    HEATERS MUST HAVE A MINIMUM OF 1 OFF EITHER OVER-TEMPERATURE THERMOSTAT OR CUTOUT WHICH MUST BE MANUALLY RESET BY EITHER:
    a) DEVICE BEING AUT-RESET, MANUALLY RESET AT THE CONTROL PANEL BY KEY SWITCH OR SPECIAL TOOL
    b) DEVICE BEING MANUAL RESET INSIDE TERMINAL BOX

11. TAG INFORMATION **(WHERE APPLICABLE)**:
    REFER TO RELEVANT ITEM **IN017** ON SALES ORDER

VARIABLE DETAILS

PROCESS FIXING MATERIAL		STAINLESS STEEL
LENGTH 'A'	940mm	ELEMENTS & THERMOSTAT POCKET(S) WELDED TO SEAL WITH ELEMENT SLEEVES
LENGTH 'B'	220mm	
LENGTH 'C'	113mm	
SIZE 'D'	Ø50mm	
LENGTH 'E'	N/A	

CERTIFIED PRODUCT

NO MODIFICATIONS PERMITTED WITHOUT THE APPROVAL OF THE QA MANAGER.

DOES THIS CHANGE AFFECT ANY CERTIFICATION OR CERTIFICATE SCHEDULE DRAWING?

IF YES, RECORD THE DCN No. IN THE COLUMN TO THE RIGHT.

DCN No	Y/N	REV	DATE	COMMENTS	DRWN	CHKD	APPR
		2	09.06.15	INACTIVE LENGTH & THERMOSTAT POCKET LENGTH REVISED			
		1	20.02.15	UPDATE TO NEW TEMPLATE	PS	IK	KP
		0	12.01.10	FIRST ISSUE	IK	KP	RW

3rd ANGLE PROJECTION

DO NOT SCALE

TOLERANCES UNLESS OTHERWISE STATED
0 ± 1.5mm
0.0 ± 0.5mm
0.00 ± 0.25mm
0.000 ± 0.1mm
ANGULAR ± 2'

ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED
DO NOT SCALE!
IF IN DOUBT, ASK!
WHERE ELECTRONIC DOCUMENTS ARE SUPPLIED, THE END PRODUCT MUST CONFORM TO THE PAPER ORIGINAL.
FORMAT: AUTOCAD

EXHEAT Industrial Ltd
www.exheat-industrial.com

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Certificate No. FM 26078

TITLE
RFA3/37/FS3
GENERAL ARRANGEMENT DRAWING
INDUSTRIAL PRODUCT

EXHEAT DRAWING NUMBER	REV
000848.01.01	02